

lanceolatis, sparse villosis, margine glanduloso-ciliatis; petiolis rhachibusque glabris, sparse aculeatis: inflorescentiis corymboso-paniculatis, glabris, densifloris, petalis ignotis; stylis exsertis, liberis, villosis-sericeis; staminibus numerosis, reflexis, exterioribus dense tomentosis; sepalis lanceolatis pinnatifide lobatis: fructibus subglobosis (5 mm. longis, 7 mm. latis), glabris.

FUKIEN: without locality, *Chung* 6425, TYPE, (Arnold Arboretum).

A peculiar species undoubtedly belonging to the section INDICAE, characterized by exserted free styles, but resembling *R. Henryi* Boulenger (*R. Gentiliana* Rehder & Wilson, non Lév. & Vant.) in general appearance. The type specimen was distributed as *R. Gentiliana* Lév. & Vant. but that species has adnate stipules and glabrous styles, forming a column. *Rosa fukienensis* does not seem to be closely related to any of the species of the section INDICAE. The prominently villous to silky styles and the pinnately lobed calyx, which is reflexed, so that the inside whitish tomentose surface is prominently exposed, are characteristic.

ARNOLD ARBORETUM,
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NEW SPECIES, VARIETIES AND COMBINATIONS FROM
THE COLLECTIONS OF THE ARNOLD ARBORETUM

ALFRED REHDER

Magnolia Soulangeana Soul.-Bod. f. **rubra** (Nichols.), comb. nov.

Magnolia rustica rubra Nicholson in *Flora & Sylva*, 1: 17, pl. (1903),
"M. rustica fl. rubra" sub tab.— Millais, *Magnol.* 210 (1927).

Magnolia Soulangeana var. *rustica* Rehd. in *Bailey, Stand. Cycl. Hort.*
3: 1969 (1916).

This form was found about 1893 in a nursery in Boskoop and was subsequently distributed by Mr. Wezelenburg of the Hazerswoude Nurseries as *M. rustica fl. rubro*. It was supposed to be a seedling of *M. Soulangeana* var. *Lennei* (Topf) Rehd. from which it differs chiefly in its smaller flowers of clear rosy red, not purplish color.

Malus baccata (L.) Borkh. f. **columnaris**, f. nova.

A typo differt ramis erectis elongatis comam angustam columnarem formantibus, foliis ellipticis 6–9 vel in turionibus ad 12 cm. longis, floribus ad 4.5 cm. diam.

ARNOLD ARBORETUM: Cult. sub no. 22032; flowers coll. May 24, 1939, A. Rehder; fruit Sept. 26, 1939, A. Rehder & D. Wyman.

Grafts of this form were received from the Royal Botanic Gardens at Kew in 1927 under a wrong name. The one tree planted in the collection is now about 6 m. tall and the columnar head measures about 1 m. in diameter. In its large leaves and flowers, it resembles *M. baccata* var. *Jackii* Rehd. and may be considered a columnar form of that variety.

Sorbus Prattii Koehne f. **subarachnoidea** (Koehne), comb. nov.

Sorbus munda Koehne f. b. *subarachnoidea* Koehne in *Sargent, Pl. Wilson.* 1: 469 (1913).

Sorbus Prattii Koehne var. *tatsienensis* (Koehne) Schneider in *Bot. Gaz.* 63: 404 (1917), pro parte, quoad syn. *S. munda* f. *subarachnoidea*.

Pyrus munda subarachnoidea Gibbs in *Gard. Chron. ser. 3*, 68: 153, fig. (1920).— Bean, *Trees Shrubs Brit. Isles.* 3: 326, t. (1933).

Sorbus Prattii Koehne sensu Sealy in *Bot. Mag.* 159: t. 9460 (1936), quoad plantam depictam.

This form differs from typical *S. Prattii* chiefly in the rufous thin cobwebby pubescence of the under surface of the leaflets which are somewhat more numerous (25–27) and smaller (about 1.5 cm. long) than generally in *S. Prattii*; it is apparently only a rather slight form of that variable species. It was introduced by E. H. Wilson in 1910, the plants